

Serial No. 09/436,159

Exhibit 1 p. 1 of 2

CLAIMS (NUCLEOTIDE! W/10 KIT) AND DATE AFT 1988



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Aug. 22, 2000

## Modified primer extension reactions for polynucleotide sequence detection

INVENTOR: Johnson, Martin D., Woodside, California

CORE TERMS: terminator, labeled, nucleotide, polynucleotide, unlabeled, label, detectable, extendable, analog, nucleobase...

... [\*17] comprising a fourth, nucleotide base and a fourth detectable label.

[\*18] 18. The composition according to claim 17, wherein the reaction solution further comprises

a fourth corresponding unlabeled terminator comprising the fourth nucleotide base.

[\*19] 19. A kit for the identification of a nucleotide base at a predetermined location on a polynucleotide molecule for analysis, said kit comprising,

a first labeled terminator comprising a first nucleotide base and a first detectable label,

a second labeled terminator comprising a second nucleotide base and a second detectable label, and

a first unlabeled terminator comprising the first nucleotide base.

[\*20] 20. The kit according to claim 19, said kit further comprising a second unlabeled terminator comprising the second nucleotide base.

[\*21] 21. The kit according to claim 20, said kit further comprising

a third labeled terminator comprising a third nucleotide base and a third detectable label,



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